APPLIED SCIENCE & TECHNOLOGY INDEX

1960

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EDITED BY
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R. P.

Abbreviations of Periodicals Indexed

For full information consult pages ix to xii

A I Ch E J—Journal of the American Institute of Chemical Engineers
A M A Archives Ind Health—A.M.A. Archives of Industrial Health
ARS J—ARS Journal
ASHRAE J—ASHRAE Journal
A S M E Trans—Transactions of the American Society of Mechanical Engineers
A S T M Bul—Bulletin of the American Society for Testing Materials
Aerospace Eng—Aerospace Engineering
Air Cond Heat & Ven—Air Conditioning Heating and Ventilating
Aircraft Eng—Aircraft Engineering
Am Assn Pet Geologists Bul—Bulletin of the American Association of Petroleum Geologists
Am Cer Soc Bul—Bulletin of the American Ceramic Society
Am Cer Soc J—Journal of the American Ceramic Society
Am Chem Soc J—Journal of the American Chemical Society
Am Concrete Inst J—Journal of the American Concrete Institute
Am Dyestuff Rep—American Dyestuff Reporter
Am Gas Assn Mo—American Gas Association Monthly
Am Inst Chem Eng J. See A I Ch E J
Am J Clinical Nutrition—American Journal of Clinical Nutrition
Am J Phys—American Journal of Physics
Am J Pub Health—American Journal of Public Health and the Nation's Health
Am Mach—American Machinist
Am Mach/Metalworking Manuf—American Machinist/Metalworking Manufacturing
Am Medical Assn Archives Ind Health. See A M A Archives Ind Health
Am Mineralogist—American Mineralogist
Am Oil Chem Soc J—Journal of the American Oil Chemists' Society
Am Perfumer—American Perfumer
Am Perfumer & Aromatics—American Perfumer and Aromatics
Am Rocket Soc J. See ARS J
Am Scientist—American Scientist
Am Soc C E Proc—Proceedings of the American Society of Civil Engineers
Am Soc Heat Refrig & Air-Cond Eng J. See ASHRAE J
Am Soc Mech Eng Trans. See A S M E Trans
Am Soc Naval Eng J—Journal of the American Society of Naval Engineers
Am Soc T M Bul. See A S T M Bul
Am Water Works Assn J—Journal, American Water Works Association
Anal Chem—Analytical Chemistry
Ap Hydraulics & Pneumatics—Applied Hydraulics and Pneumatics
Applications & Ind—Applications and Industry
Arch Forum—Architectural Forum. The Magazine of Building
Arch Rec—Architectural Record
Archives Environmental Health—Archives of Environmental Health
Assn for Computing Mach J—Journal of the Association for Computing Machinery
Audio—Audio
Audio Eng Soc J—Journal of the Audio Engineering Society
Automation—Automation; the Magazine of Automatic Operations
Automobile Eng—Automobile Engineer
Automotive Ind—Automotive Industries

Bell Lab Rec—Bell Laboratories Record
Bell System Tech J—Bell System Technical Journal

Brit Inst Radio Eng J—Journal of the British Institution of Radio Engineers
Brit Plastics—British Plastics

Can Chem Process—Canadian Chemical Processing
Can J Chem Eng—Canadian Journal of Chemical Engineering
Can Min & Met Bul—Canadian Mining and Metallurgical Bulletin
Cer Ind—Ceramic Industry
Chem & Eng N—Chemical and Engineering News
Chem & Ind—Chemistry and Industry
Chem Eng—Chemical Engineering
Chem Eng Prog—Chemical Engineering Progress
Civil Eng—Civil Engineering, the Magazine of Engineered Construction
Coal Age—Coal Age
Com & Electronics—Communication and Electronics
Combustion—Combustion
Comp Air Mag—Compressed Air Magazine
Concrete—Concrete
Control Eng—Control Engineering
Corrosion—Corrosion

Diesel Power—Diesel Power
Dom Eng—Domestic Engineering
Drug & Cosmetic Ind—Drug and Cosmetic Industry

Econ Geol—Economic Geology and the Bulletin of the Society of Economic Geologists
Elec Com—Electrical Communication
Elec Constr & Maint—Electrical Construction and Maintenance
Elec Eng—Electrical Engineering
Elec Manuf—Electrical Manufacturing
Elec World—Electrical World
Electro-Tech—Electro-Technology
Electrochem Soc J—Journal of the Electrochemical Society
Electronic & Radio Eng—Electronic and Radio Engineer
Electronic Eng—Electronic Engineering
Electronic Ind—Electronic Industries
Electronic Tech—Electronic Technology
Electronics—Electronics
Eng & Instrumentation. See J Res Nat Bur Stand
Eng & Min J—Engineering and Mining Journal
Eng J—Engineering Journal
Eng N—Engineering News-Record
Engineer—Engineer
Engineering—Engineering

Food Eng—Food Engineering
Food Tech—Food Technology
Foundry—Foundry
Franklin Inst J—Journal of the Franklin Institute

Gas—Gas
Gas Age—Gas Age
Geol Soc Bul—Bulletin of the Geological Society of America
Geophysics—Geophysics
Glass Ind—Glass Industry

Heating-Piping—Heating, Piping and Air Conditioning
Hydraulics & Pneumatics—Hydraulics and Pneumatics

I S A J—ISA Journal
Illum Eng—Illuminating Engineering, The Journal of the Illuminating Engineering Society
Ind & Eng Chem—Industrial and Engineering Chemistry
Ind Chem—Industrial Chemist
Ind Finishing—Industrial Finishing
Ind Lab—Industrial Laboratories, The Magazine of Research and Development
Ind Med—Industrial Medicine and Surgery
Ind Phot—Industrial Photography
Ind Quality Control—Industrial Quality Control
Inland & Am Ptr & Lithogr—Inland and American Printer and Lithographer
Inst E E Proc—Proceedings of the Institution of Electrical Engineers
Inst Mech Eng Proc—Proceedings of the Institution of Mechanical Engineers
Inst Metals J—Journal of the Institute of Metals
Inst Pet J—Journal of the Institute of Petroleum
Inst Radio Eng Proc—Proceedings of the Institute of Radio Engineers
Instrument Soc Am J. See I S A J
Instruments & Control Systems—Instruments and Control Systems
Iron Age—Iron Age
Iron & Steel Eng—Iron and Steel Engineer
Iron & Steel Inst J—Journal of the Iron and Steel Institute

J Aerospace Sci—Journal of the Aerospace Sciences
J Agri & Food Chem—Journal of Agricultural and Food Chemistry
J Ap Chem—Journal of Applied Chemistry
J Ap Mech. See ASME Trans
J Ap Phys—Journal of Applied Physics
J Basic Eng. See A S M E Trans
J Colloid Sci—Journal of Colloid Science
J Eng Ind. See A S M E Trans
J Eng Power. See A S M E Trans
J Geol—Journal of Geology
J Heat Transfer. See A S M E Trans
J Math & Phys—Journal of Mathematics and Physics
J Metals—Journal of Metals
J Nutrition—Journal of Nutrition
J Pet Tech—Journal of Petroleum Technology
J Res Nat Bur Stand—Journal of Research of the National Bureau of Standards
J Sci Instr—Journal of Scientific Instruments

Light Metal Age—Light Metal Age
Lub Eng—Lubrication Engineering

Mach—Machinery
Machine Design—Machine Design
Mag of Stand—Magazine of Standards
Manuf Chem—Manufacturing Chemist
Marine Eng/Log—Marine Engineering/Log
Materials in Design Eng—Materials in Design Engineering
Math & Math Phys. See J Res Nat Bur Stand
Mech Eng—Mechanical Engineering
Metal Finishing—Metal Finishing
Metal Prog—Metal Progress
Metallurgia—Metallurgia, the British Journal of Metals
Mill & Factory—Mill & Factory
Min Cong J—Mining Congress Journal
Min Eng—Mining Engineering
Mod Materials Handling—Modern Materials Handling
Mod Metals—Modern Metals
Mod Phot—Modern Photography
Mod Plastics—Modern Plastics
Mod Textiles Mag—Modern Textiles Magazine

Noise Control—Noise Control
Nucleonics—Nucleonics

Oil & Gas J—Oil and Gas Journal
Op Res—Operations Research

Paint Oil & Chem R—Paint, Oil and Chemical Review
Paper Ind—Paper Industry
Pet Eng—Petroleum Engineer for Management
Pet Refiner—Petroleum Refiner
Phys & Chem. See J Res Nat Bur Stand
Phys Today—Physics Today
Pit & Quarry—Pit and Quarry
Plant—Plant Maintenance and Engineering
Plant & Power Services Eng—Plant and Power Services Engineer
Plant Eng—Plant Engineering
Plastics Tech—Plastics Technology
Plastics World—Plastics World
Plating—Plating
Power—Power
Power Apparatus & Systems—Power Apparatus and Systems
Power Eng—Power Engineering
Product Eng—Product Engineering
Prog Arch—Progressive Architecture
Pub Roads—Public Roads
Pub Works—Public Works

Q S T—QST

RCA R—RCA Review
R Sci Inst—Review of Scientific Instruments
Radio Corp Am R. See RCA R
Radio-Electronics—Radio-Electronics
Radio Propagation. See J Res Nat Bur Stand
Res/Develop—Research/Development
Research—Research, Applied in Industry
Roads & Sts—Roads and Streets
Rock Prod—Rock Products
Roy Aeronautical Soc J—Journal of the Royal Aeronautical Society
Rubber Age—Rubber Age
Rubber Chem & Tech—Rubber Chemistry and Technology
Rubber World—Rubber World

S A E J—SAE Journal
SMPTE J—Journal of the Society of Motion Picture and Television Engineers
Safety Maint—Safety Maintenance
Sci Am—Scientific American
Sewage & Ind Wastes—Sewage and Industrial Wastes
Soap & Chem Spec—Soap and Chemical Specialties
Soc Automotive Eng J. See S A E J
Soc Dyers & Col J—Journal of the Society of Dyers and Colourists
Soc Motion Picture & Television Eng J. See SMPTE J
Space/Aeronautics—Space/Aeronautics
Steel—Steel

Tappi—Tappi
Tech Assn Pulp & Paper Ind. See Tappi
Textile Ind—Textile Industries
Textile Res J—Textile Research Journal
Textile World—Textile World
Tool & Manuf Eng—Tool and Manufacturing Engineer
Tool Eng—Tool Engineer
Traffic Q—Traffic Quarterly

WPCF J—Journal of the Water Pollution Control Federation
Water & Sewage Works—Water & Sewage Works
Water Works Eng—Water Works Engineering
Welding Eng—Welding Engineer
Welding J—Welding Journal
Westinghouse Eng—Westinghouse Engineer
Wire & Wire Prod—Wire and Wire Products
Wireless World—Wireless World

List of Periodicals Indexed

A.M.A. Archives of Industrial Health. $8 m American Medical Association. 535 N Dearborn St. Chicago 10

Name changed to Archives of Environmental Health July. 1960

ARS Journal. $18 m American Rocket Society. Inc. and American Interplanetary Society. 500 Fifth Av. New York 36

ASHRAE Journal. $5 m American Society of Heating. Refrigerating and Air-Conditioning Engineers. Inc. 234 Fifth Av. New York 1

Aerospace Engineering. $5 m Institute of the Aeronautical Sciences. Inc. 2 E 64th St. New York 21

Formerly Aero/Space Engineering: changed August. 1960

Air Conditioning, Heating and Ventilating. $5 m Industrial Press. 93 Worth St. New York 13

Aircraft Engineering. 40s; U.S. $6.50; Canada $6.50 m Bunhill Publications. Ltd. 12 Bloomsbury Square. London. W.C. 1

American Dyestuff Reporter. $7.50 bi-w Howes Pub. Co. 44 E 23d St. New York 10

American Gas Association Monthly. $5 m (bi-m Jl-Ag) American Gas Assn. Inc. 420 Lexington Av. New York 17

American Journal of Clinical Nutrition. $8 bi-m The American Journal of Clinical Nutrition. Inc. 466 Lexington Av. New York 17

American Journal of Physics. $10 m (except Je. Jl and Ag) American Institute of Physics. Inc. 335 E 45th St. New York 17

Beginning 1961 will be published monthly

American Journal of Public Health and the Nation's Health. $15 m American Public Health Association. Inc. 1790 Broadway. New York 19

American Machinist. $3 bi-w McGraw-Hill Pub. Co. Inc. 330 W 42d St. New York 36

Name changed to American Machinist/Metalworking Manufacturing February 8. 1960

American Machinist/Metalworking Manufacturing. $3 bi-w McGraw-Hill Pub. Co. Inc. 330 W 42d St. New York 36

American Mineralogist. $10 bi-m U.S. Geological Survey. Washington 25. D.C.

American Perfumer. $5 m Allured Pub. Corp. 418 N. Austin Blvd. Oak Park. Ill.

Formerly American Perfumer and Aromatics: changed July. 1960

American Perfumer and Aromatics. $5 m Allured Pub. Corp. 418 N. Austin Blvd. Oak Park. Ill.

Name changed to American Perfumer July. 1960

Extra number. Documentary Edition

American Scientist. $2.50 q Sigma Xi, 51 Prospect St. New Haven 11. Conn.

Analytical Chemistry. $5 m American Chemical Society. 1155 16th St. N.W. Washington 6. D.C.

Applications and Industry. $8 bi-m American Institute of Electrical Engineers. 33 W 39th St. New York 18

Applied Hydraulics and Pneumatics. $7 m Industrial Pub. Corp. 812 Huron Rd. Cleveland 15

Name changed to Hydraulics and Pneumatics June. 1960

Architectural Forum, The Magazine of Building. $6.50 m Time. Inc. 9 Rockefeller Plaza. New York 20

Architectural Record. $5.50 m F. W. Dodge Corp. 119 W 40th St. New York 18

Extra number published in Mid-May

Archives of Environmental Health. $8 m American Medical Association. 535 N Dearborn St. Chicago 10

Formerly A.M.A. Archives of Industrial Health: changed July. 1960

Audio. $4 m Radio Magazines. Inc. 204 Front St. Mineola. New York

Automation; The Magazine of Automatic Manufacturing Operations. $10 m Penton Pub. Co. Penton Bldg. Cleveland 13

Automobile Engineer. £3; U.S. $8.50; Canada $8.50 m Iliffe Production Publications. Ltd. Dorset House. Stamford St. London. S.E. 1

Automotive Industries. $10 s-m Chilton Co. Chestnut & 56th Sts. Philadelphia 39

Bell Laboratories Record. $2 m Bell Telephone Laboratories, Inc, 463 West St, New York 14

Bell System Technical Journal. $5 bi-m American Telephone and Telegraph Co. 195 Broadway. New York 7

British Plastics. £2 12s; U.S. $7.50; Canada $7.50 m Iliffe Industrial Publications. Ltd. Dorset House. Stamford St. London. S.E. 1

Bulletin of the American Association of Petroleum Geologists. $18 m American Association of Petroleum Geologists. Inc. Box 979. Tulsa. 1. Okla.

Bulletin of the American Ceramic Society. $6 m American Ceramic Society, 4055 N High St, Columbus 14, Ohio

Bulletin of the American Society for Testing Materials. $3.50 8 times a yr American Society for Testing Materials. 1916 Race St. Philadelphia 3

Bulletin of the Geological Society of America. $15 m Geological Society of America. H. R. Aldrich. sec. 419 W 117th St. New York 27

Canadian Chemical Processing. $6; U.S. $10 m Hugh C. Maclean Publications. Ltd. 1450 Don Mills Rd. Don Mills. Ontario. Canada

Canadian Journal of Chemical Engineering. $6; U.S. $7 bi-m Chemical Institute of Canada. 48 Rideau St. Ottawa 2. Ont.

Canadian Mining and Metallurgical Bulletin. $10; U.S. $12 m Canadian Institute of Mining and Metallurgy. 906 Drummond Bldg. Montreal. Que.

Ceramic Industry. $4 m Cahners Pub. Co. Inc. 5 So. Wabash Av. Chicago 3

Chemical and Engineering News. $6 w American Chemical Society. 1155 16th St. N.W. Washington 6. D.C.

Chemical Engineering. $3 bi-w McGraw-Hill Pub. Co. Inc. 330 W 42d St. New York 36

Chemical Engineering Progress. $6 m American Institute of Chemical Engineers. 25 W 45th St. New York 36

Chemistry and Industry. £5 w Society of Chemical Industry. 14 Belgrave Square. London. S.W. 1

Civil Engineering, the Magazine of Engineered Construction. $5 m American Society of Civil Engineers. 33 W 39th St. New York 18

Coal Age. $3 m McGraw-Hill Pub. Co. Inc. 330 W 42d St. New York 36

Combustion. $4 m Combustion Pub. Co, Inc, 200 Madison Av. New York 16

Communication and Electronics. $8 bi-m American Institute of Electrical Engineers. 33 W. 39th St. New York 18

Compressed Air Magazine. $5 m Compressed Air Magazine Co, 942 Memorial Parkway, Phillipsburg, N.J.

Concrete. $6 m Concrete Pub. Corp, 400 W Madison St, Chicago 6

Control Engineering. $3 m McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York 36

Corrosion. $11 m National Association of Corrosion Engineers, Inc, 1061 M & M Bldg, Houston 2, Tex.

Diesel Power. $4 m Diesel Publications, Inc, 80 Lincoln Av, Stamford, Conn.

Domestic Engineering. $5 m Domestic Engineering Co, 1801 Prairie Av, Chicago 16

Drug and Cosmetic Industry. $3 m Drug Markets, Inc, 101 W 31st St, New York 1

Economic Geology and the Bulletin of the Society of Economic Geologists. $8.50 s-q Economic Geology Pub. Co, M. M. Leighton, Business Mgr, Urbana, Ill.

Electrical Communication. $2 q International Telephone and Telegraph Corp, 67 Broad St, New York 4

Electrical Construction and Maintenance. $3 m McGraw-Hill Pub. Co, 330 W 42d St, New York 36

Extra number published in Mid-September

Electrical Engineering. $12 m American Institute of Electrical Engineers, 33 W 39th St, New York 18

Electrical Manufacturing. $15 m Conover-Mast Publications, Inc, 205 E 42d St, New York 17

Name changed to Electro-Technology October, 1960

Electrical World. $6 w McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York 36

Electro-Technology. $15 m Conover-Mast Publications, Inc, 205 E 42d St, New York 17

Formerly Electrical Manufacturing; changed October, 1960

Electronic and Radio Engineer. £2 9s; U.S. and Canada $7.50 m Iliffe & Sons, Ltd, Dorset House, Stamford St, London, S.E. 1

Name changed to Electronic Technology January, 1960

Electronic Engineering. £1 16s; U.S. $5; Canada $5 m Morgan Brothers, Ltd, 28 Essex St, Strand, London, W.C. 2

Electronic Industries. $10 m Chilton Co, Chestnut & 56th Sts, Philadelphia 39

Electronic Technology. £3 7s; U.S. and Canada $9.50 m Iliffe Electrical Publications Ltd, Dorset House, Stamford St, London, S.E. 1

Formerly Electronic and Radio Engineer; changed January, 1960

Electronics. $6 w McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York 36

Extra number, Buyers' Guide and Reference Issue July 20

Engineer. £5 10s; Canadian subs £5 5s w Morgan Brothers, Ltd, 28 Essex St, Strand, London, W.C. 2

Engineering. £5 10s; Canadian subs £5 5s w Engineering Ltd, 36 Bedford St, London, W.C. 2

Engineering and Mining Journal. $4 m McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York 36

Engineering Journal. $6 m Engineering Institute of Canada, 2050 Mansfield St, Montreal 2, Que.

Engineering News-Record. $6 w McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York 36

Food Engineering. $2 m Chilton Co, Chestnut & 56th Sts, Philadelphia 39

Food Technology. $11 m Institute of Food Technologists, 176 West Adams St, Chicago 3

Foundry. $10 m Penton Pub. Co, Penton Bldg, Cleveland 13

Gas. $2 m Chilton Co, 56th & Chestnut Sts, Philadelphia 39

Gas Age combining Natural Gas, Gas Record, Gas Age. $5 bi-w Moore Pub. Co, Inc, 48 W 38th St, New York 18

Geophysics. $10 bi-m Society of Exploration Geophysicists, Colin Campbell, Business Manager, Box 1536, Tulsa 1, Okla.

Glass Industry. $5 m Ogden Pub. Co, 55 W 42d St, New York 36

Heating, Piping and Air Conditioning. $3 m Keeney Pub. Co, 6 N Michigan Av, Chicago 2

Hydraulics and Pneumatics. $7 m Industrial Pub. Corp, 812 Huron Rd, Cleveland 15

Formerly Applied Hydraulics and Pneumatics; changed June, 1960

ISA Journal. $4 m Instrument Society of America, 313 6th Av, Pittsburgh 22

Illuminating Engineering, the Journal of the Illuminating Engineering Society. $18 m Illuminating Engineering Society, 1860 Broadway, New York 23

Industrial and Engineering Chemistry. $5 m American Chemical Society, 1155 16th St, N.W. Washington 6, D.C.

Industrial Chemist. 40s m Tothill Press, Ltd, 33 Tothill St, Westminster, London, S.W. 1

Industrial Finishing. $3 m Practical Publications, Inc, 1142 N. Meridian St, Indianapolis 4

Industrial Laboratories, the Magazine of Research and Development. $10 m F. D. Thompson Publications, Inc, 201 N. Wells St, Chicago 6

Name changed to Research/Development January, 1960

Industrial Medicine and Surgery. $6 m Industrial Medicine Pub. Co, 400 S.W. 69th Av, Miami 44, Fla.

Industrial Photography. $6 m Photography in Business, Inc, 10 E 40th St, New York 16

Industrial Quality Control. $9 m American Society for Quality Control, Inc, 161 W Wisconsin Av, Milwaukee 3

Inland and American Printer and Lithographer. $5 m Maclean-Hunter Pub. Corp, 79 W Monroe St, Chicago 3

Instruments and Control Systems. $4 m Instruments Pub. Co, Inc, 845 Ridge Av, Pittsburgh 12

Iron Age. $15 w Chilton Co, Inc, Chestnut & 56th Sts, Philadelphia 39

Iron and Steel Engineer. $7.50 m Association of Iron and Steel Engineers, 1010 Empire Bldg, Pittsburgh 22

Journal American Water Works Association. m American Water Works Assn, 2 Park Av, New York 16

Journal of Agricultural and Food Chemistry. $20 bi-m American Chemical Society, 1155 16th St, N.W, Washington 6, D.C.

Journal of Applied Chemistry. £15 m Society of Chemical Industry, 14 Belgrave Square, London, S.W. 1

Journal of Applied Physics. $14 m American Institute of Physics, 335 E 45th St, New York 17

$12 to members and associate members of the American Institute of Physics

Journal of Colloid Science. $20 bi-m Academic Press Inc, Mt Royal & Guilford Avs, Baltimore 2

Journal of Geology. $10 bi-m University of Chicago Press, 5750 Ellis Av, Chicago 37

Journal of Mathematics and Physics. $8 q Massachusetts Institute of Technology, Cambridge 39, Mass.

Journal of Metals. $10 m American Institute of Mining, Metallurgical and Petroleum Engineers, Inc, 29 W 39th St, New York 18

Journal of Nutrition. $22.50 m Wistar Institute of Anatomy and Biology, 36th St at Spruce, Philadelphia 4

Journal of Petroleum Technology. $8 m Society of Petroleum Engineers of AIME, 6300 North Central Expressway, Dallas 6

Journal of Research of the National Bureau of Standards. Superintendent of Documents, Washington 25, D.C.

Published in 4 sections: A, Physics and Chemistry $4 bi-m; B, Mathematics and Mathematical Physics $2.25 q; C, Engineering and Instrumentation $2.25 q; D, Radio Propagation $4 bi-m

Journal of Scientific Instruments. £6; U.S. $17 m Institute of Physics and the Physical Society, 47 Belgrave Square, London, S.W. 1

Journal of the Aerospace Sciences. $15 m Institute of the Aeronautical Sciences, Inc, 2 E 64th St, New York 21

Formerly Journal of the Aero/Space Sciences; changed August, 1960

Journal of the American Ceramic Society; Ceramic Abstracts. $20 including Ceramic Bulletin m American Ceramic Society, 4055 N High St, Columbus 14, Ohio

Journal of the American Chemical Society. $30 s-m American Chemical Society, 1155 16th St, N.W, Washington 6, D.C.

Journal of the American Concrete Institute. $18 m American Concrete Institute, P.O. Box 4754 Redford Station, Detroit 19, Mich.

Journal of the American Institute of Chemical Engineers. $9 q American Institute of Chemical Engineers, 25 W 45th St, New York 36

Journal of the American Oil Chemists' Society. $8 m American Oil Chemists' Society, 35 E Wacker Drive, Chicago 1

Journal of the American Society of Naval Engineers. $12 q American Society of Naval Engineers, Inc, 1012 14th St, N.W, Washington 5, D.C.

Journal of the Association for Computing Machinery. $10 q Association for Computing Machinery, 14 E 69th St, New York 21

Journal of the Audio Engineering Society. $8 q Audio Engineering Society, P.O. Box 12, Old Chelsea Station, New York 11

Journal of the British Institution of Radio Engineers. 80s m British Institution of Radio Engineers, 9 Bedford Square, London, W.C. 1

Journal of the Electrochemical Society. $24 m Electrochemical Society, 1860 Broadway, New York 23

Journal of the Franklin Institute. $10 m Franklin Institute of the State of Pennsylvania, Benjamin Franklin Parkway at 20th St, Philadelphia 3

Journal of the Institute of Metals. 180s m Institute of Metals, 17 Belgrave Square, London, S.W. 1

Journal of the Institute of Petroleum. £4 14s 6d m Institute of Petroleum, 61 New Cavendish St, London, W. 1

Journal of the Iron and Steel Institute. £12 m Iron and Steel Institute, 4 Grosvenor Gardens, London, S.W. 1

Journal of the Royal Aeronautical Society. £7 10s m Royal Aeronautical Society, 4 Hamilton Place, London, W. 1

Journal of the Society of Dyers and Colourists. £7 m Society of Dyers and Colourists, Dean House, 19 Piccadilly, Bradford 1, Yorkshire, England

Journal of the Society of Motion Picture and Television Engineers. $12.50 m Society of Motion Picture and Television Engineers, 55 W 42d St, New York 36

Journal of the Water Pollution Control Federation. $10 m Water Pollution Control Federation, 4435 Wisconsin Av, N.W, Washington 16, D.C.
Formerly Sewage and Industrial Wastes; changed January, 1960

Light Metal Age. $4 bi-m Roy Fellom, Jr, 549 W Randolph St, Chicago 6

Lubrication Engineering. $6 m American Society of Lubrication Engineers, 5 N. Wabash Av, Chicago 2

Machine Design. $10 bi-w Penton Pub. Co, Penton Bldg, Cleveland 13

Machinery. $10 m Industrial Press, 93 Worth St, New York 13

Magazine of Standards. $7 m American Standards Association, Inc, 10 E 40th St, New York 16

Manufacturing Chemist. £2 10s m Leonard Hill, Ltd, Eden St, London, N.W. 1

Marine Engineering/Log. $4 m (s-m in May) Simmons-Boardman Pub. Corp, 30 Church St, New York 7

Materials in Design Engineering. $3 m Reinhold Pub. Corp, 430 Park Av, New York 22
Extra number published in Mid-November

Mechanical Engineering. $7 m American Society of Mechanical Engineers, 29 W 39th St, New York 18

Metal Finishing. $5 m Metals and Plastics Publications, Inc, 381 Broadway, Westwood, N.J.

Metal Progress. $9 m American Society for Metals, Metals Park, Novelty, Ohio

Metallurgia, the British Journal of Metals. 30s m Kennedy Press, Ltd, 31 King St, W, Manchester 3

Mill & Factory. m Conover-Mast Publications, Inc, 205 E 42d St, New York 17
Price on request

Mining Congress Journal. $3 m American Mining Congress, 1102 Ring Bldg, Washington 6, D.C.

Mining Engineering. $8 m American Institute of Mining, Metallurgical and Petroleum Engineers, Inc, 29 W 39th St, New York 18

Modern Materials Handling. $8 m Modern Materials Handling, 221 Columbus Av, Boston 16

Modern Metals. $10 m Modern Metals Pub. Co, 435 N. Michigan Av, Chicago 11

Modern Photography. $4 m Photography Pub. Corp, 33 W 60th St, New York 23

Modern Plastics. $8 m Modern Plastics, Inc, 770 Lexington Av, New York 21

Modern Textiles Magazine. $5 m Rayon Pub. Corp, 303 Fifth Av, New York 16

Noise Control. $8 bi-m Noise Control, 335 E 45th St, New York 17

Nucleonics. $8 m McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York 36

Oil and Gas Journal. $5 w Petroleum Pub. Co, 211 South Cheyenne Av, Tulsa 3, Okla.

Operations Research. $10 bi-m Operations Research Society of America, Mt Royal and Guildford Avs, Baltimore 2

Paint, Oil and Chemical Review. $3 bi-w Trade Review Co, 332 W Harrison St, Oak Park, Ill.

Paper Industry. $3 m Fritz Publications, Inc, 431 S Dearborn St, Chicago 5

Petroleum Engineer for Management. $8 m Petroleum Engineer Pub. Co, 800 Davis Bldg, Dallas 2
Extra number published July 15

Petroleum Refiner. $3 m Gulf Pub. Co, Box 2608, Houston 1, Tex.

Physics Today. $4 m American Institute of Physics, 335 E 45th St, New York 17

Pit and Quarry. $3 m Pit and Quarry Publications, Inc, 431 S Dearborn St, Chicago 5

Plant and Power Services Engineer. $10 m Putman Pub. Co, 111 E Delaware Place, Chicago 11
Discontinued June, 1960

Plant Engineering. $10 m Technical Pub. Co, 308 E James St, Barrington, Ill.

Plant Maintenance and Engineering. $6 m Hitchcock Pub. Co, Wheaton, Ill.

Plastics Technology, the Magazine of Applied Engineering. $7 m Bill Brothers Pub. Corp, 630 Third Av, New York 17

Plastics World. $5 m Cleworth Pub. Co, Inc, 1 River Road, Cos Cob, Conn.

Plating. $5 m American Electroplaters' Society, Inc, 5800 N Marvine St, Philadelphia 41

Power. $3 m McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York 36

Power Apparatus and Systems. $8 bi-m American Institute of Electrical Engineers, 33 W 39th St, New York 18

Power Engineering. $10 m Power Engineering, 308 E James St, Barrington, Ill.

Proceedings of the American Society of Civil Engineers. $40 m American Society of Civil Engineers, 33 W 39th St, New York 18

Proceedings of the Institute of Radio Engineers. $18 m Institute of Radio Engineers, Inc, 1 E 79th St, New York 21

Proceedings of the Institution of Electrical Engineers. The Institution, Savoy Place, Victoria Embankment, London, W.C. 2
Published in 2 parts: pt A, Power Engineering, bi-m (F); pt B, Electronic and Communication Engineering (including Radio Engineering) bi-m (Ja)

Proceedings of the Institution of Mechanical Engineers. separate papers Institution of Mechanical Engineers, 1 Birdcage Walk, Westminster, London, S.W. 1

Product Engineering. $3 w McGraw-Hill Pub. Co, Inc, 330 W 42d St, New York 36
Extra number published in Mid-September

Progressive Architecture. $5 m Reinhold Pub. Corp, 430 Park Av, New York 22

Public Roads. $1 bi-m Superintendent of Documents, Washington 25, D.C.

Public Works. $5 m Public Works Journal Corp, 200 S Broad St, Ridgewood, N.J.

QST. $5 m American Radio Relay League, Inc, 38 La Salle Rd, West Hartford 7, Conn.

RCA Review. $2 q Radio Corporation of America, RCA Laboratories Division, Princeton, N.J.

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Research, Applied in Industry. 65s; U.S. $10.75 m Butterworths Publications, Ltd, 88 Kingsway, London, W.C. 2

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Formerly Industrial Laboratories; changed January, 1960

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$9 to members of scientific societies

Roads and Streets. $6 m Gillette Pub. Co, 22 West Maple St, Chicago 10

Rock Products. $3 m Maclean-Hunter Pub. Corp, 79 W Monroe St, Chicago 3

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Rubber Chemistry and Technology. $9.50 5 times a yr American Chemical Society, Division of Rubber Chemistry, Prince and Lemon Sts, Lancaster, Pa.

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Name changed to Journal of the Water Pollution Control Federation January, 1960

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Space/Aeronautics. $10 m Conover-Mast Publications, Inc, 205 E 42d St, New York 17
Extra number, Research and Development Handbook, 1960-1961

Steel. $10 w Penton Pub. Co, Penton Bldg, Cleveland 13

Traffic Quarterly. q Eno Foundation for Highway Traffic Control, Inc, Saugatuck, Conn.
Price on request

Transactions of the American Society of Mechanical Engineers. $10 American Society of Mechanical Engineers, 29 W 39th St, New York 18
Published in 5 parts: ser A, Journal of Engineering for Power, q (Ja); ser B, Journal of Engineering for Industry, q (F); ser C, Journal of Heat Transfer, q (F); ser D, Journal of Basic Engineering, q (Mr); ser E, Journal of Applied Mechanics, q (Mr)
$5 to members and affiliates

Tappi. $10 m Technical Association of the Pulp and Paper Industry, 360 Lexington Av, New York 17

Textile Industries. $2 m W. R. C. Smith Pub. Co, 806 Peachtree St, N.E. Atlanta 8
Extra number published in Mid-September

Textile Research Journal. $25 m Textile Research Institute, Inc, Publications Department, P.O. Box 625, Princeton, N.J.

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Extra number published in Mid-July

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Formerly Tool Engineer; changed September, 1960

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Two numbers published in October, included in annual subscription

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Extra number published in Mid-June

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Westinghouse Engineer. $2.50 bi-m Westinghouse Engineer, P.O. Box 2278, 3 Gateway Center, Pittsburgh 30

Wire and Wire Products. $8 m Quinn-Brown Pub. Corp, 453 Main St, Stamford, Conn.

Wireless World. £1 15s; U.S. $5; Canada $5 m Iliffe Electrical Publications, Ltd, Dorset House, Stamford St, London, S.E. 1

Key to General Abbreviations

+	continued on later pages of the issue	Jl	July
abr	abridged	Mr	March
Ag	August	My	May
Ap	April	N	November
arch	architect	n s	new series
bibliog	bibliography	no	number
comp	compiled or compiler	O	October
cond	condensed	p	page
cont	continued	pl	plate
D	December	por	portrait
diag	diagram	pseud	pseudonym
ed	edited or edition or editor	pt	part
F	February	rev	revised
il	illustrations	S	September
inc	incorporated	sup	supplement
Ja	January	tr	translated or translation or translator
Je	June	v	volume
		yrbk	yearbook

Sample entry: BOILERS, Marine
Oil firing
Water wash of bunker C retards boiler slag on Atlantic tanker. W. A. Walls and W. S. Proctor. il Marine Eng/Log 65:56-7+ Ja '60

Explanation: An illustrated article on the subject BOILERS, Marine—Oil firing entitled "Water wash of bunker C retards boiler slag on Atlantic tanker," by W. A. Walls and W. S. Proctor, will be found in volume 65 of Marine Engineering/Log, page 56-7 (continued on later pages of the same issue) the January 1960 number.

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ADS. See Association of Diesel specialists

AALTO, Alvar

Alvar Aalto, Finn without borders. Arch Forum 112:116-23 F '60

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See also
Symbols

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Diseases

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Creative ability

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See also
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Metal finishing
Polishing
Polishing materials
Sandpaper

ABSENTEEISM (labor)

See also
Sickness

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Black body
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See also
Automobile accidents
Blasting
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Dust explosions
Electricity, Injuries from
Employers liability
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First aid in illness and injury
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ACCOUNTING

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Cost accounting
Depletion
Invoices
Mine accounting
Overhead expense
Time keeping

also subdivision Accounting under special subjects, e.g.

Chemical industries
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Gas companies
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Railroads
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Computer streamlines operations. Gas 36:66 Je '60

Co-op installs punched-card system. W. Grager. il Elec World 154:60+ O 10 '60

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Utility prepares for growth in accounting and customer billing; Atlantic City electric co. J. Hogg. il Elec World 153:70-1 Mr 14 '60

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Chemicals from acetaldehyde. A. S. Hester and K. Himmler. flow sheets il Ind & Eng Chem 51:1424-30 D '59

Peracetic acid from acetaldehyde; Union carbide chemicals co. diag Pet Refiner 38:282 N '59

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AMERICAN gas association
A.G.A. covers the capital scene: A.G.A's Washington office. il Am Gas Assn Mo 42: 14-15+ Jl-Ag '60
A.G.A. nominates for 1960-1961. Am Gas Assn Mo 42:2-5 Jl-Ag '60
Annual meeting, 41st, Chicago, Oct 5-7; with abstracts of papers. Am Gas Assn Mo 41: 2-6+ N '59; Gas Age 124:17-37 O 29 '59
Annual meeting, 41st, Chicago, Oct. 5-7. ASHRAE J 1:98 N '59; Elec World 152:44-5 N 9 '59
Annual meeting, Atlantic City. Elec World 154:89 O 31 '60
Annual meeting, Atlantic City, Oct. 9-12; program, directors, section officers. Gas 36: 89-91 O '60
General management section conference. Pittsburgh. Am Gas Assn Mo 42:7-9+ Ap '60
Home service workshop, Chicago, Feb. 4-6. il Am Gas Assn Mo 42:2-5+ Mr '60
Kitchen planning seminar sharpens a new sales tool; Commercial kitchen planning seminar, East Lansing, Mich. Nov. 9-13. Am Gas Assn Mo 42:28+ F '60
Production conference, New York, May 23-24. Am Gas Assn Mo 42:29-31+ Jl-Ag '60
Public relations program wins top ASAE award. il Am Gas Assn Mo 41:2-3 D '59
Research and utilization conference, Cleveland, April 19-21. Am Gas Assn Mo 42:9-11+ Je '60
Sales conference on industrial and commercial gas, Houston, April 5-7. Am Gas Assn Mo 42:26-8+ My '60
Year of challenge, decision, self-appraisal. J. T. Wolfe. Gas Age 124:18 O 29 '59

AMERICAN gear manufacturers association
Annual meeting, 44th, Hot Springs, Va. June 5-8. Steel 146:117 Je 13 '60; Mach 66:159 Jl '60

AMERICAN industrial hygiene association
Measuring and controlling excessive heat in industry; symposium. il diags Air Cond Heat & Ven 56:67-75 N '59
President of the AIHA explains the hygienist's attitude in withdrawing from the Industrial health conference. E. P. Wheeler. Ind Med 28:528-9 N '59

AMERICAN institute of architects
Annual convention, 92d, San Francisco, April 18-22; with abstracts of papers. Arch Rec 127:9-10+ Je '60
Annual meeting, San Francisco, April 18-22. Prog Arch 41:77 My '60; Arch Forum 112: 6-7 Je '60
Medal for L. Mies van der Rohe. il Arch Forum 112:132-7 Ap '60
Segregation in Dallas, a problem in '62. Arch Forum 112:6 Ja '60

AMERICAN institute of chemical engineers
Annual meeting, 35th, Washington, Dec. 5-7; program. Chem Eng Prog 56:114-20 O '60
Joint heat transfer conference ASME-AIChE, 4th, Buffalo, Aug. 14-17. Mech Eng 82:126-8 O '60
Joint meeting with I.M.I.C, Mexico city, June 19-22; program. Chem Eng Prog 56: 122-8 Ap '60
National meeting, Atlanta, Feb. 21-24; program. Chem Eng Prog 56:116+ Ja '60
National meeting, Tulsa, Okla. Sept. 25-28; program. Chem Eng Prog 56:94-6+ Jl '60

AMERICAN institute of electrical engineers
Accountants' report. Elec Eng 79:688-90 Ag '60
AIEE fellows elected. Elec Eng 78:958-64, 1225-8; 79:103-6, 161-3, 420-6, 609-14, 694-7, 764-6 S, D '59-F, My, Jl-S '60
AIEE in electrical engineering education: yesterday or tomorrow? T. M. Linville. bibliog Elec Eng 79:551-3 Jl '60
Annual meeting, 75th, Philadelphia, Oct. 7-8. Elec Eng 78:1207-8+ D '59
Beginning our fourth quarter-century. J. H. Foote. Elec Eng 79:263-4 Ap '60
Constitution and bylaws. map Elec Eng 79: 850-71 O '60
Experience with the AIEE subcommittee test cell for gaseous insulation. M. L. Manning. bibliog il diags Power Apparatus & Systems p800-6; Discussion. 807 O '59
Fall general meeting, Chicago. Elec World 154:52-5+ O 31 '60
Fall general meeting, Chicago, Oct. 9-14; program. Elec Eng 79:747-55 S '60
Fall general meeting, Chicago, Oct. 11-16; with abstracts of papers. Elec Eng 78:1212-18+ D '59; Elec World 152:47-9+ N 9 '59
Fall general meeting, Chicago, Oct. 11-16; with program. Elec Eng 78:1039-47 O '59
Formation of proposed groups. W. A. Lewis. Elec Eng 79:386-7 My '60
Institute and Philadelphia, 1884. L. F. Hickernell. bibliog il plans diags Elec Eng 78: 1152-7 D '59
Institute technical groups. W. R. Clark. Elec Eng 79:793-800 O '60
Officers departments, and committees for 1960-61. Elec Eng 79:782-91 S '60
Pacific Coast general meeting, San Diego; abstracts of papers. Elec World 154:100-2+ S 19 '60
Pacific general meeting and Aero-Space transportation conference, San Diego, Aug. 8-12; abstracts of papers. Elec Eng 79:838-42 O '60
President-elect Linder looks at AIEE; interview. Elec World 154:42-3 Jl 18 '60
President's message. C. H. Linder. Elec Eng 79:837-8 O '60
Report of the AIEE board of directors, May 1, 1959-April 30, 1960. Elec Eng 79:686-7+ Ag '60
Summer general meeting, Atlantic City, June 19-24; program. Elec Eng 79:515-16+ Je '60
Summer meeting, Atlantic City, June 19-24; abstracts of papers. Elec World 154:41-6+ Jl 18 '60; Elec Eng 79:678-81 Ag '60
Winter general meeting, New York; abstracts of papers. Elec World 153:50-8+ Mr 7 '60
Winter general meeting, New York, Jan. 31-Feb. 5. Elec Eng 79:309-20 Ap '60
Winter general meeting, New York, Jan. 31-Feb. 5. Elec World 153:34-5 F 8 '60; Electronics 33:28-9 F 19 '60
Winter general meeting, New York; program. Elec Eng 79:79-94 Ja '60
Would you have student engineers any other way? AIEE student branches. S. Freeman, jr. Elec Eng 79:179-80 Mr '60

AMERICAN institute of mining, metallurgical and petroleum engineers
Annual meeting, 88th, New York, Feb. 14-18; with abstracts of papers of interest to mineral industries. Pit & Quarry 52:76-81 My '60
Annual meeting, New York, Feb. 14-19; with abstracts of papers. J Metals 12:411-16, 482-5, 637-40 My-Je, Ag '60
Electric furnace conference, 17th, Cleveland, Dec. 2-4; abstracts of papers. Foundry 88: 147-8+ F '60; J Metals 12:152-5 F '60

AMERICAN institute of mining, metallurgical and petroleum engineers—*Continued*

Joseph L. Gillson; AIME president, 1960. J Metals 12:118 F '60; J Pet Tech 12:12 F '60

Metallurgical society

Annual meeting, New York, Feb. 14-19; program and abstracts of papers. J Metals 12:65-84 Ja '60

Annual report. R. W. Shearman. J Metals 12:194-5 Mr '60

Carleton C. Long; Metallurgical society president, 1960. J Metals 12:119 F '60

Division chairmen of the Metallurgical society. J Metals 12:120 F '60

Fall meeting, Chicago; with abstracts of papers. J Metals 12:22-6 Ja '60

Fall meeting; Philadelphia, Oct. 17-20; program and abstracts of papers. J Metals 12:715-54 S '60

Iron and steel division electric furnace committee 17th annual conference, Cleveland, Dec. 2-4; program. J Metals 11:808-12 D '59

National open hearth steel committee and Blast furnace, coke oven, and raw materials committee, 43d conference, Chicago, April 3-6; program, committee members. J Metals 12:300-4+ Ap '60

National open hearth steel committee's local section reports. J Metals 12:296-9 Ap '60

1959 salary survey of the Metallurgical society. J Metals 12:455-8 Je '60

Officers of the Metallurgical society. J Metals 12:346-8 Ap '60

Society of mining engineers

Annual meeting, New York, Feb. 14-18; program and abstracts of papers. Min Eng 11:1222-32; 12:22-7 D '59-Ja '60

1960 membership directory. Min Eng 12:679+ Jl '60

What is SME? il map Min Eng 12:231-42 Mr '60

Society of petroleum engineers

Annual fall meeting, 35th, Denver; program and abstracts of papers. J Pet Tech 12:47-59 S '60

Joint technical meeting, 1st, with Petroleum and natural gas division, C.I.M. Rocky Mountain petroleum sections, Calgary, May 4-6. Can Min & Met Bul 53:467-9 Jl '60

Review of SPE progress in 1959. J. S. Bell. J Pet Tech 11:43 D '59

Wayne E. Glenn, 1960 president, Society of petroleum engineers. J Pet Tech 12:11 F '60

AMERICAN institute of physics

AIP documentation research project. R. E. Maizell. Phys Today 13:42+ O '60

Annual report. Phys Today 13:16-25 My '60

AMERICAN institute of plant engineers

Annual meeting, Philadelphia, Jan. 24. Plant Eng 14:142-3 Mr '60

Members of the Cleveland chapter check on themselves. P. P. Weidinger and O. B. Patton. Plant Eng 14:114-15 S '60

New AIPE chapters formed. Plant Eng 14:162-3 S '60

Plant engineers activities. Plant Eng 14:149-50 Jl '60

Rose Bowl chapter formed, becomes 50th chapter. Plant Eng 13:136 D '59

Texas, Oklahoma plant engineers; five chapters in progressive conference; region 9 created, Texas, Oklahoma, Arkansas, Louisiana and Mississippi. il Plant Eng 14:160 Je '60

AMERICAN institute of steel construction

National engineering conference, 12th, Denver. Eng N 164:24-5 My 12 '60

AMERICAN iron and steel institute

Annual meeting, 68th, New York. Steel 146:38-9 My 30 '60

General meeting, 68th, New York, May 25-26; selected papers. Iron & Steel Eng 37:165-85 Ag '60

AMERICAN machine and foundry company

Chemical research laboratory

Career opportunities for chemists and chemical engineers. il Chem & Eng N 38:15 pt 2 Ja 25 '60

AMERICAN machine tool distributors association

Annual meeting, 35th, St. Louis, Oct. 25-27. Am Mach 103:132 N 16 '59; Automotive Ind 121:97-8 N 15 '59

Annual meeting, 36th, Chicago, Sept. 3-4; abstracts of papers. Am Mach/Metalworking Manuf 104:100-1 S 19 '60

Spring meeting, White Sulphur Springs, W. Va. April 18-20; abstracts of papers. Am Mach/Metalworking Manuf 104:102 My 2 '60

AMERICAN material handling society

Roster of national officers is all-new. Mod Materials Handling 15:103-4 Jl '60

AMERICAN medical association

Activities of the committee on maternal and child care of the American medical association. P. S. Barba. bibliog Am J Pub Health 50:976-9 Jl '60

AMERICAN mining congress

Annual business meeting, New York, Nov. 30. Min Cong J 46:58-9 Ja '60

Annual meeting, Denver, Sept. 14-16; abstracts of papers on developments in industrial minerals. Pit & Quarry 52:96-8 N '59

Coal division meeting, Pittsburgh, Nov. 5; with abstracts of papers. Min Cong J 45:65-8 D '59

Coal division meeting, Pittsburgh, May 8-12; program, officers, chairman, vice-chairmen and others. Min Cong J 46:34-43 Ap '60

Coal division meeting, Pittsburgh, May 8-12; with abstracts of papers. Coal Age 65:130-44 Je '60; Min Cong J 46:41-54 Je '60

Coal division meeting, Pittsburgh, Nov. 17-18; program. Min Cong J 46:80-1 O '60

Meeting, Denver; abstracts of papers. Eng & Min J 160:18-19+ O '59

Metal mining and industrial minerals convention, Denver. Rock Prod 62:89+ D '59

Metal mining and industrial minerals convention, Denver, Sept. 14-17; declaration of policy and abstracts of papers. Min Cong J 45:64-88 O '59

Metal mining and industrial minerals convention and exposition, Las Vegas, Oct. 10-13. Min Eng 12:1179-81 N '60

Metal mining and industrial minerals convention, Las Vegas, Oct. 10-13; program, floor plans, list of exhibitors. Eng & Min J 161:103-9 S '60; Min Cong J 46:33-56 S '60

AMERICAN national exhibition in Moscow

Designing the Moscow exhibit. il diags Arch Rec 126:169-76 N '59

U.S. pavilion in Moscow constructed of reinforced plastics umbrellas. il Mod Plastics 37:86-8+ D '59

AMERICAN nuclear society

Annual meeting, Gatlinburg, Tenn. June 15-17. Metal Prog 77:198+ F '60

Isotopes and radiation, division meeting, Chicago. Nucleonics 18:94+ Ag '60

Meeting, Chicago. Electronics 33:38-9 Jl 1 '60

AMERICAN oil chemists society

Annual fall meeting, 33d, Los Angeles, Sept. 28-30; abstracts of papers. Soap & Chem Spec 35:59-62+ N '59

Fall meeting, 34th, New York, Oct. 17-19; program. Am Oil Chem Soc J 37:22+ S '60

Presidential address. Am Oil Chem Soc J 37:sup4+ My '60

Report from the refining committee. Am Oil Chem Soc J 37:182-3 Ap '60

Report of the Journal advertising committee, 1959-60. Am Oil Chem Soc J 37:14+ Je '60

Report of the Smalley committee, 1959-1960. Am Oil Chem Soc J 37:246-7 My '60

Report of the spectroscopy committee, 1958-59. Am Oil Chem Soc J 36:627-31 D '59

Report of the uniform methods committee, 1959-60. Am Oil Chem Soc J 37:327-8 Jl '60

Second interim report of the A.O.A.C.-A.O.C.S. crude fiber liaison committee. diags Am Oil Chem Soc J 36:545-9 N '59

AMERICAN oil company

All Indiana Standard's operations to be included. F. O. Prior and J. E. Swearingen. map Pet Refiner 39:182+ Ag '60

AMERICAN optical society

Spring meeting, Washington, April 8-9. Bell Lab Rec 38:188-9 My '60

AMERICAN ordnance association

Annual preparedness meeting, New York. Product Eng 31:18-19 Ja 4 '60

AMERICAN paper and pulp association

Annual meeting, 83d, New York. Paper Ind 41:867+ Mr '60

Review of the activities of the APPA-NPA food additives liaison committee. R. C. Crain. Tappi 43:sup32A+ S '60

AMERICAN petroleum institute

API bureau fights fire with facts. Oil & Gas J 57:100-1 N 9 '59

Annual meeting, Chicago. Oil & Gas J 57:109-10 N 16 '59

AMERICAN pharmaceutical association

Scientific section meeting, Cincinnati; abstracts of papers. Am Perfumer & Aromatics 74:33+ D '59

AMERICAN photoengravers association

Annual meeting, 63d, Dallas, Oct. 18-21. Inland & Am Ptr & Lithogr 144:86-7 D '59

AMERICAN physical society

Annual meeting, 29th, New York, Jan. 27-30; abstracts of papers. Elec Manuf 65:9-11 Mr '60

AMERICAN power conference

Annual meeting, 22d, Chicago, March 29-31; abstracts of papers. Elec World 153:69-71+ Ap 25 '60; Combustion 31:43-7, 54, My; 48-54 Je '60; Plant 21:59-61 My '60; Power Eng 64:78-80+ My '60

Annual meeting, 22d, Chicago, March 29-31; program. Combustion 31:62+ F '60; Power Eng 64:83 Mr '60

AMERICAN public health association

APHA staff report for 1959. Am J Pub Health 50:383-99 Mr '60

Annual meeting, 88th, San Francisco, Oct. 31-Nov. 4; program. Safety Maint 120:55 Ag '60

Annual meeting, 88th, San Francisco, Oct. 31-Nov. 4; program, list of exhibitors, nominations for section offices. Am J Pub Health 50:1376-436 S '60

Committee on affiliated societies and regional branches of the American public health association; report of an inquiry on members and nonmembers. Am J Pub Health 50:1206-16 Ag '60

Committees 1959-1960. Am J Pub Health 50:227-53 F '60

Committees reports to the governing council at 87th annual meeting. Am J Pub Health 50:712-32 My '60

Dr Merrill, the new president. Am J Pub Health 49:1551-2 N '59

Report of the chairman of the executive board to the governing council 1958-1959. Am J Pub Health 50:555-60 Ap '60

Report of the chairman of the technical development board to the governing council 1958-1959. Am J Pub Health 50:561-73 Ap '60

AMERICAN public power association

Annual meeting, 17th, Washington. Elec World 153:44-5 My 9 '60

AMERICAN public works association

Annual meeting, 65th, Seattle, Sept. 20-23; with program. Pub Works 90:137-8+ S; 123-4+ D '59

Annual meeting. New York. Pub Works 91:131-2+ O '60

New bulletins. Published in monthly numbers of Public works

AMERICAN road builders association

Annual meeting, Cincinnati, Jan. 18-21. Roads & Sts 103:69+ Mr '60; Eng N 164:42-3 Ja 28 '60

AMERICAN rocket society

Annual meeting, Washington. Iron Age 184:56 N 26 '59; Electronics 32:41 D 11 '59

AMERICAN society for engineering education

Annual meeting, Lafayette, Ind.; with abstracts of papers. Eng N 164:20 Je 30 '60

Annual meeting, 68th, Lafayette, Ind., June 20-24. Mech Eng 82:102-4 Ag '60; Civil Eng 30:92 S '60

AMERICAN society for metals

ASM's electronic library speeds tech literature research. T. M. Rohan. il Iron Age 184:66-7 D 10 '59

Dedication of national headquarters, Sept. 14. il Metal Prog 78:64A-64L S '60

Electronic searching service scans 100,000 indexed documents per hour; ASM metals documentation service. Air Cond Heat & Ven 56:10 D '59

Geodesic building symbolizes new era in world of metals. il Plant 21:48 Ja '60

Machine searching; boon to research. Steel 146:38-9 Ja 11 '60

Metals documentation; a fast new problem-solving service. M. R. Hyslop. il Metal Prog 76:123-8 N '59

New ASM building; illustrations with text. Air Cond Heat & Ven 57:74 Mr '60

AMERICAN society for quality control

Annual convention and exhibition, 14th, San Francisco, May 23-June 1; program. Ind Quality Control 16:50-5 My '60

Annual convention, 14th, San Francisco. Ind Quality Control 17:25-32 Ag '60

Automotive division national conference, 3d, Detroit. Automotive Ind 122:57-61+ Ap 15 '60

Organization chart for 1960-61, and committee members. Ind Quality Control 17:38-41 O '60

What ASQC is doing for the quality control engineer. L. Bass. Ind Quality Control 16:4-8 D '59

AMERICAN society for testing materials

ASTM materials, and progress. F. L. LaQue. il A S T M Bul p20-1 D '59

ASTM president plans expansion. Eng N 165:57 Jl 7 '60

Annual meeting of committee D-12 on soaps and other detergents, New York, March 14-15. Soap & Chem Spec 36:149+ Ap '60

Annual meeting, 63d, Atlantic City; abstracts of papers. Automotive Ind 123:69+ Jl 15 '60

Annual meeting, 63d, Atlantic City, June 26-July 1. Eng N 165:26+ Jl 7 '60; Am Concrete Inst J 32:sup22+ Ag '60; Civil Eng 30:118 Ag '60

Annual meeting, 63d, Atlantic City, June 26-July 1; abstracts of papers of interest to the concrete industry. Concrete 68:18-19 O '60

Annual meeting, 63d, Atlantic City, June 26-July 1; with program, abstracts of papers, exhibits. A S T M Bul p7-30 Ap; 5-33 Jl '60

Annual meeting, 63d, Atlantic City; with abstracts of papers of interest to the rock products industry. Pit & Quarry 53:107-10+ S '60

Annual meeting, 63d; reports on standards. Mag of Stand 31:276-81 S '60

Committee D-11 on rubber and rubberlike materials spring meeting, Chicago, Feb. 3-5. Rubber Age 86:1037-40+ Mr '60

International aspects; president's address. F. L. LaQue. A S T M Bul p7-9 Jl '60

Marshall named executive secretary, Van Atta assumes post of treasurer. A S T M Bul p5 O '60

National meeting, San Francisco, Oct. 12-16; abstracts of papers. Aircraft Eng 32:55 F '60

1959, an active year. il diags A S T M Bul p5-16 Ja '60

1959 financial operations show favorable balance. A S T M Bul p8-9 F '60

Pacific area national meeting, 3d, San Francisco, Oct. 12-16. Concrete 68:22+ Ja '60; Pit & Quarry 52:123-4 F '60

Pacific area national meeting, 3d, San Francisco, Oct. 12-16; with abstracts of papers. A S T M Bul p5-15 D '59

To be published by ASTM in 1959-1960. il A S T M Bul p5-11 O '59

To be published by ASTM in 1960-1961. il A S T M Bul p 12-19 O '60

AMERICAN society of body engineers

Annual convention, 14th, Detroit; abstracts of papers. Automotive Ind 121:73+ N 15 '59

AMERICAN society of civil engineers

Annual meeting, Washington, Oct. 19; with abstracts of papers. Civil Eng 29:800-8 N '59

Annual meeting, Boston, Oct. 10-14; program. Civil Eng 30:83-92 Ag '60

Committee personnel. Civil Eng 30:37 Ja '60

Does the civil engineer need ASCE? A. D. May. Civil Eng 30:103 F '60

Dreamers of the dream. F. A. Marston. Civil Eng 29:769-70 N '59

Highlights in the careers of new officers. Civil Eng 29:723-32 O '59

Interpretation of the ASCE code of ethics. Civil Eng 30:25-7 Ja '60

Meeting, Boston. Eng N 165:21-2 O 20 '60

Meeting, New Orleans, March 7-11; program. Civil Eng 30:111-17 F '60

Meeting, Reno, June 20-24; program. Civil Eng 30:65-72 My '60

Mid-winter meeting, New Orleans, March 7-11. Civil Eng 30:50-7 Ap '60

Mid-winter meeting, New Orleans, March 7-11; abstracts of papers of interest to the concrete industry. Concrete 68:25-6 Ap '60

Nine new officers to be installed during convention. Civil Eng 30:83-6 O '60

Professional growth of younger members. Civil Eng 29:734+ O '59

Progress in ASCE. F. A. Marston. Civil Eng 30:33-4 Jl '60

Summer convention, Reno, June 20-24; abstracts of papers. Civil Eng 30:56-63 Ag '60

Thirty years of ASCE in civil engineering. Civil Eng 30:56-7 O '60

What ASCE has done to improve employment conditions. R. K. Lockwood. Civil Eng 30:69-70 F '60

AMERICAN society of heating, refrigerating and air-conditioning engineers

Allied arts and sciences; how can they be advanced? editorial. R. H. Tull. ASHRAE J 2:60-1 S '60

ASHRAE financing, how it works. J. H. Fox. ASHRAE J 2:73-4 Ja '60

ASHRAE standards projects. ASHRAE J 2:63 Jl '60

ASHRAE technical committees. R. C. Jordan. ASHRAE J 2:82-3+ Ja '60

Annual meeting, 67th, Vancouver, B.C. June 13-15; with program and abstracts of papers. ASHRAE J 2:56-68 My; 46-56 Ag '60

Financial statements. ASHRAE J 2:80-1 Ja '60

AMERICAN society of heating, refrigerating and air-conditioning engineers—*Continued*

Functions and responsibilities of the technical division of the ASHRAE research and technical committee. E. P. Palmatier. ASHRAE J 2:74-5+ F '60

How diversified seminar programs benefit our Philadelphia chapter. W. F. Spiegel. ASHRAE J 2:64-5 O '60

Research and technical committee annual report, 1959-60. il ASHRAE J 2:70-5 S '60

Semiannual meeting, Dallas, Feb. 1-4; abstracts of papers. ASHRAE J 2:39-47 Mr '60; Air Cond Heat & Ven 57:91+ Mr '60

Semiannual meeting, Dallas, Feb. 1-4; floor plans, program, and list of exhibitors. Air Cond Heat & Ven 57:110-13 Ja '60

Semiannual meeting, Dallas, Feb. 1-4; program and abstracts of papers. ASHRAE J 2:48-63 Ja '60

20,000 members can't be wrong. D. D. Wile. ASHRAE J 2:57 Je '60

AMERICAN society of lubrication engineers

Administrative committees and chairmen, April 1960-April 1961. Lub Eng 16:372-3 Ag '60

ASLE directory. Lub Eng 16:483 O '60

Annual meeting, Cincinnati, April 19-21; abstracts of papers. Product Eng 31:56-9 My 23 '60

Annual meeting, Cincinnati, April 19-21; program and abstracts of papers. Lub Eng 16:78-9+, 172-83 F, Ap '60

AMERICAN society of mechanical engineers

ASME acts to improve operating efficiency; member service. maps Mech Eng 82:118-19 Ag '60

ASME boiler and pressure vessel code; how the code originated; the code in operation. J. H. Harlow; E. M. Kloeblen. Mech Eng 81:56-9 Jl '59; Discussion. 82:102-3 Je '60

ASME elects members to grade of Fellow. Mech Eng 81:124-7 N '59; 82:131-2 Ja; 138-40 F; 109-12 Jl; 129-32 Ag '60

ASME honors engineers; biographies of recipients and description of honors and awards bestowed during annual meeting. Mech Eng 82:104-10 Ja '60

ASME looks to the future; high lights of president's address, summer annual meeting. W. L. Cisler. Mech Eng 82:36-8 Ag '60

Annual meeting, Atlantic City; abstracts of papers. Combustion 31:55-60 D '59; 32-7 Ja; 36. 53. 57. F '60

Annual meeting, 80th, Atlantic City, N.J. Nov. 30-Dec. 4; with program. Mech Eng 81:115-23 O '59; 82:76-103 Ja '60

Annual meeting, 80th, Atlantic City, N.J. Nov. 30-Dec. 4. Plant 21:53-4 Ja '60; Power Eng 64:96 F '60; ASHRAE J 2:90 Ja '60

Annual report, fiscal year, Oct. 1, 1958-Sept. 30, 1959. Mech Eng 82:sec 2 Ja '60

Joint heat transfer conference ASME-AIChE. 4th, Buffalo, Aug. 14-17. Mech Eng 82:126-8 O '60

Metals processing research group meeting; abstracts of papers. Am Mach/Metalworking Manuf 104:83 My 30 '60

1959 annual meeting papers availability list. Mech Eng 82:114-17 Ja '60

Petroleum mechanical engineering conference, Houston, Sept. 20-23; with program. Mech Eng 81:116-18 Ag; 120-1 N '59

Petroleum mechanical engineering conference, 15th, New Orleans, Sept. 18-21; program. Mech Eng 82:108-9 Jl; 114-15 Ag '60

Regional student conferences, 1960, with lists of reports and prizes. Mech Eng 82:131-3 O '60

Semi-annual meeting and aviation conference, Dallas, June 5-9; program. Mech Eng 82:132-5 Ap '60

Summer annual meeting, Dallas, Texas, June 5-9. Mech Eng 82:106-10, 122-7 Ag '60

Technical development committee, first report; magnetohydrodynamics, electric automobiles, energy storage, nuclear fusion, water resources. Mech Eng 81:124-5 O '59

Technology executives conference, 7th, Harriman, N.Y. Oct. 11-13. Mech Eng 81:115 N '59

Winter annual meeting, New York, Nov. 27-Dec. 2; program, high lights, list of papers. Mech Eng 82:112-13 S; 112-24 O '60

Woman's auxiliary awards aid engineering students. Mech Eng 82:119-20 S '60

Woman's auxiliary 35th annual meeting, Atlantic City, N.J. Nov. 29-Dec. 4. Mech Eng 82:111-13 Ja '60

See also

Design engineering conference

Applied mechanics division

Annual meeting, 23d, University Park, Pa., June 20-22. Mech Eng 82:112 Ag '60

Gas turbine power division

Annual conference, 5th, Houston, March 6-9. Gas 36:118 Ap '60

Combined gas turbine power and hydraulic conference, 1st, Houston, March 6-9. Mech Eng 82:122-5 My '60

Hydraulic division

Combined gas turbine power and hydraulic conference, 1st, Houston, March 6-9. Mech Eng 82:122-5 My '60

Maintenance and plant engineering division

Annual meeting, St Louis, April 25-26. Mech Eng 82:118-19 Je '60

Annual meeting, 3d St Louis, April 25-26; with abstracts of papers. Plant 21:50-1 Je '60

Metals engineering division

Conference, Los Angeles, April 25-29; technical program. Welding J 39:363-9 Ap '60

Meeting, Los Angeles, April 26-28. Mech Eng 82:114-15 Je '60

Oil and gas power division

Annual conference and exhibit, Kansas City, Mo., May 22-26. Mech Eng 82:95-7 Jl '60

Production engineering division

Meeting, Milwaukee, May 17-19. Mech Eng 82:98-9 Jl '60

Rubber and plastics division

Annual meeting, Atlantic City, Nov. 30. Rubber World 141:691 F '60

AMERICAN society of perfumers

Annual symposium on perfumery, 6th. Am Perfumer & Aromatics 75:34-5+ My '60

Annual symposium on perfumery, 6th, New York, April 28; with abstracts of papers. Drugs & Cosmetic Ind 86:756-7+ Je '60; Soap & Chem Spec 36:54-5 Je '60

AMERICAN society of planning officials

Annual conference, Miami; with abstracts of papers. Arch Forum 113:5-6 Jl '60

AMERICAN society of tool and manufacturing engineers (formerly American society of tool engineers)

ASTME national honor award winners for 1960 are selected. Tool Eng 44:130-2 My '60

Annual engineering conference, 28th, Detroit, April 21-24; program. Tool Eng 44:198-210 Ap '60

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American institute of architects
Architectural societies
BBPR studio
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Gropius, Walter
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Lundy, Victor Alfred
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Sullivan, Louis
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Airport buildings
Apartment houses, Cooperative
Architectural drawing
Automobile sales buildings
Bridges—Architecture
Building materials
Buildings
Canopies (architecture)
Cathedrals
Ceilings
Church architecture
Clinics
Clubhouses
College architecture
Community centers
Concrete construction
Courts (architecture)
Department stores
Embassy buildings
Exhibition buildings
Factories
Flashing
Hillside architecture
Interior decoration
Library buildings
Medical buildings
Memorials
Modular coordination (architecture)
Motor bus lines—Stations
Moving picture theaters
Mural painting and decoration
Museums
Music halls
Naval architecture
Nursing homes
Office buildings
Pavilions
Planetariums
Police stations
Public buildings
Recreation buildings
Remodeling (architecture)
Shelters
Stadiums
Store buildings
Telephone company buildings
Theaters
Tourist camps, hostels, etc.

also subdivision Architecture under names of cities, e.g.

Berlin
Boston
Brasilia, Brazil
Canberra, Australia
Chicago
Coventry, England
Dallas
Detroit
Houston, Texas
London
Mexico (city)
Milan
Nagoya, Japan
New Harmony, Indiana
New Orleans
New York (city)
Newark, New Jersey
Oslo
Paris
Philadelphia
Pittsburgh
Portland, Oregon
Rome
San Francisco
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Seattle
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Architecture, Domestic

Hospitals

Naval architecture

School buildings

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Fireplaces
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Houses
Houses, Row
Interior decoration
Tourist camps, hostels, etc.

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Party wall houses

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Geology
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Multiplication
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Bridge bearings

International symposium on gas-lubricated bearings

Pivots

also subdivision Bearings under special subjects, e.g.

Air compressors

Automobiles

Cars

Electric generators

Electric motors

Gas turbines

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Instruments

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Hudson River bridges

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San Francisco Bay bridges

also subdivision Bridges under names of cities, e.g.

Cleveland

Havana

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Bridges raised to clear missiles. il Eng N 165:57 Ag 11 '60

Heavy beams raised to give new clearance; bridge under construction, Jackson, Mich. il Roads & Sts 103:155-6 Je '60

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Old swing bridge gets a new lift; Delair railroad bridge between Camden, N.J. and Philadelphia. il Eng N 164:66-7 Mr 24 '60

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Steel from old structure becomes part of new deck. il diags Eng N 164:53 Ap 28 '60

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Bridge widening program gets public praise. C. D. Miller. il Pub Works 91:126-7 Jl '60

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Parramatta River bridge, New South Wales. il diags Engineer 209:640-1 Ap 15 '60

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Engineering progress, 1959; bridge and structural engineering. Eng J 43:66-7 Ap '60

Novel deck saves steel and weight; Port Mann highway bridge, Canada. il diag Eng N 164:43 Je 16 '60

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Across a rugged Cuban ravine; a three-hinged arch. il Eng N 164:42-3 Je 30 '60

Old idea, new methods used for new bridge on old foundations; Zaza river. il Eng N 163:26-7 D 3 '59

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Danish bridge projects coming. map Eng N 165:38+ S 1 '60

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Bridge towed 200 miles for erection, Pensacola bay, Fla. D. W. Milhan. il Civil Eng 30:76-9 Ag '60

Florida spans, made in Louisiana; Pensacola Bay bridge. W. E. Dean. il diags Eng N 165:45-7 Jl 21 '60

Precast, prestressed sections for Florida bridges. W. E. Dean. il diags Civil Eng 30:54-7 Jl '60

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Mobile cantilever forms used on long, high French bridge; Savines bridge. il Eng N 163:91-2+ N 19 '59

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Yankee-style approaches lead to new box girder across the Rhine between Mannheim and Ludwigshafen. il diags Eng N 165:42-3+ Jl 7 '60

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World's longest prestressed span; Medway bridge. il Eng N 165:22 Jl 28 '60

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Chesapeake Bay dream comes true; 17½-mile bridge and tunnel crossing. il map diags Eng N 165:27-8 Ag 11 '60

Work starts on Chesapeake crossing. il Eng N 165:22 N 3 '60

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Bay State's largest bridge. il Eng N 165:30 Ag 11 '60

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Double deck lift span challenges builders; upper peninsula of Michigan. il Eng N 164:38-40 F 18 '60

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Another prestressed concrete milestone; Oneida Lake bridge. il diag Am Concrete Inst J 32:sup9-12 O '60

Biggest prestressed concrete bridge nears completion; Oneida Lake bridge, N. Y. il diags Roads & Sts 103:150-2+ Ap '60

Longest plate-girder span in U.S. completed; American Rapids bridge. E. H. Praeger and T. C. Kavanagh. il map diags Civil Eng 29:856-7, cover D '59

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Indus River bridge at Sukkur, Pakistan. il Engineer 209:104 Ja 15 '60

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Sweden

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Tube-arch bridge spans Swedish fjord. il Eng N 164:34-6 My 5 '60

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Heavy-duty composite bridge. H. M. Hadley. il diags Civil Eng 30:44-8 My '60

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Double deck lift span challenges builders; upper peninsula of Michigan. il Eng N 164:38-40 F 18 '60

Kingsferry lifting bridge. il Engineer 209: 674-5 Ap 22 '60

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Floating highway bridge 6,470 ft long; floating, reinforced-concrete pontoons. C. E. Andrew. il Civil Eng 29:848-51 D '59

Inspection work at 50 fathoms; television camera inspects anchor system of Hood canal floating bridge. il Eng N 165:26 S 8 '60

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Bridge dismantled without falsework. il plans diag Civil Eng 30:48-9 Ag '60

Cofferdam at Mile 6; Quebec Cartier mining railroad, Port Cartier, Quebec. J. Zorzi. plan diag Eng J 43:82-3 My '60

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Climbing cranes erect suspension bridge towers. il Engineering 190:380 S 16 '60

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BRIGHTNESS

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Mineral industries
Mines and mineral resources
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Petroleum industry and trade
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Reactors. Chemical
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Chlorides
Flue gas
Formaldehyde
Gasoline
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Chemical plants
Condensers (steam)
Conveying machinery
Electric motors
Electronic apparatus and instruments
Factories
Filters and filtration
Food factories

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Emulsions
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Gelatin
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Surface active substances
Suspensions
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Metal coloring
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Food
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Paper
Television
Wool

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Irrigation
Mines and mineral resources
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Graphic panels
Hydraulic control
Joint automatic control conference
Liquid level control
Machinery, Automatic
Magnetic control
Numerical control
Pneumatic control
Servomechanisms
Telemetering
Temperature—Regulation
Vacuum tubes—Control uses

also subdivision Control and Control equipment under special subjects, e.g.
Air compressors
Air conditioning equipment
Airplanes
Airplanes, Military
Atomic power plants
Blast furnaces
Boilers
Chemical plants
Cranes, derricks, etc.
Digesters (paper making)
Drug factories
Electric furnaces, Steel making
Electric motors, Alternating current
Electric motors, Direct current
Electric plants (central stations)
Electric precipitators
Feeders
Food machinery
Gas burners
Gas turbines
Guided missiles
Heat exchangers
Helicopters
Hydroelectric plants
Internal combustion engines
Lapping machines
Lathes
Machine tools
Machinery
Metal working plants
Metallurgical plants
Milling machines
Nailing machines
Nuclear reactors
Packaging machinery
Paper and pulp mills
Petroleum refineries
Plastics machinery
Power plants
Presses
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Metals, Cold treatment of
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Airplanes, Jet propelled
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Automobiles
Boilers
Chemical plants
Chimneys, Steel
Coal products plants
Condensers
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Copper
Heat exchangers
Metallurgical plants
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Diesel engines
Electric circuit breakers
Electric plants (central stations)
Electric transformers
Electronic circuits
Factories
Gas engines
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Electric heating
Electric motors
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College buildings
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Exhibition buildings
Factories
Foundries
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Electric batteries

Electric currents

Electric distribution

Electric plants (central stations)

Electric transmission

Electric welding—Power supply

Electric welding, Arc—Power supply

Hydroelectric power

Magnetohydrodynamics

Power factor

Radio apparatus—Power supply

Steam plants—Combined power and heating

Tidal power

Wind tunnels—Power supply

also subdivision Power under special subjects, e.g.

Aluminum works

Chemical plants

Coal mines and mining

Metallurgical plants

Paper and pulp mills

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Textile mills

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Electric fuses
Electric switchgear
Lightning arresters
Lightning protection
Reactors
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also subdivision Protection under special subjects, e.g.

Electric generators
Electric generators, Synchronous
Electric lines
Electric motors
Electric plants (central stations)
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Concrete plants

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Electric utilities

Food factories

Gas companies

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Highway departments

Knitting mills

Oil companies

Paint shops

Paper and pulp mills

Petroleum refineries

Power plants

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Lipase

Lysozyme

Oxidases

Papain

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Agricultural machinery
Air conditioning equipment
Atomic power
Automation
Automobiles
Chemical industries
Construction equipment
Electric apparatus and appliances, Domestic
Electronic apparatus and instruments
Furniture
Gas appliance industry
Gas industry
Graphic arts

EXHIBITIONS—See also—*Continued*
Instruments
Machine tools
Machinery
Mechanical handling
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Office management
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Packing for shipment
Photographic departments
Production
Production control
Purchasing
Quantities (in production)
Research departments
Safety devices and measures
Salvage (waste, etc.)
Schedules
Shipment of goods
Shipping departments
Standardization
Suggestion systems
Time keeping
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Tool rooms
Vacations
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Gold as money
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Building
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Gas industry
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Paper industry and trade
Petroleum industry and trade
Quarries and quarrying
Roads
Rock products industry
Scientific research
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Flock
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Polishing materials
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Fire protection
Sprinkling systems

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Detectors
Fire apparatus
Fire boats
Fire extinction
Fire extinguishers
Fire resisting materials
Fire service (water supply)
Fireproof construction
Fireproofing of textiles
Inflammable liquids
Inflammable mixtures
Magnesium—Fire hazards
Sprinkling systems
also subdivision Fires and fire protection under special subjects e.g.
Airports
Chemical plants
Coal mines and mining
Electric transformers
Hangars
Machine shops
Petroleum refineries
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Electricity supply
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Control boards
Control charts
Curve fitting
Curve plotting
Flow sheets
Histograms
Least squares
Nomographs
Phase diagrams

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Airplane industry and trade
Airplanes, Military
Atomic power plants
Atomic research
Automobile industry and trade
Bridges
Canals
Chemical industries
Coal mines and mining
Coal trade
Cosmetic industry and trade
Drug trade
Electric apparatus industry
Electric industries
Electric plants (central stations)
Electric utilities
Electricity supply
Electronics industry
Engineering education
Engineers
Fertilizer industry
Food industry and trade
Fuel supply
Gas industry
Gas supply
Iron industry and trade
Machine tool industry
Machinery industry
Medical service, Industrial
Metal working industries
Office equipment industry
Petroleum industry and trade
Plastics industries
Radio broadcasting
Railroads

GREAT BRITAIN—See also—*Continued*

Railroads—Electrification
Roads
Scientific education
Scientific research
Shipbuilding
Steel industry and trade
Technical education
Telephone
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Heat conduction
Heat conductivity
Heat convection
Heat exchangers
Heat radiation
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Case hardening
Electric furnaces, Heat treating
Furnaces, Heat treating
Quenching
Steel, Heat treatment of
Tempering

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Feed water heaters
Gas heaters
Oil heaters
Water heaters

Manufacture

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Boilers, Heating
Building—Heating aspects
Chimneys
Electric heaters
Electric heating
Electric plants (central stations)—Heating and ventilation
Fireplaces
Florists shops—Heating and ventilation
Fuel
Gas heaters
Gas heating
Heat pump
Heating, Warm air
Heating from central stations
Hot water heating
Insulation (heat)
Lighting—Heating aspects
Oil burners
Oil heaters
Refractory materials
Solar heating
Steam heating
Steam plants—Combined power and heating
Ventilation

also subdivsion Heating and ventilation under special subjects, e.g

Airplane factories
Apartment houses
Automobile factories
Automobiles
Bank buildings
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Docks
Drainage
Dredging
Flood control
Hydraulic laboratories
Hydraulic mining
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Hydrostatics
Irrigation
Levees
Locks (hydraulic engineering)
Penstocks
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Pumping
Pumping stations
Pumps
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Reservoirs
Rivers—Regulation
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See also
Airplanes—Hydraulic equipment
Airplanes, Military—Hydraulic equipment
Hydraulic motors
Torque converters
also subdivision Transmission under special subjects, e.g.
Automobiles
Motor trucks
Motor vehicles

Terminology

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Industrial engineering
Industrial engineers
Inspection
Inventories
Linear programming
Machine shop management
Machinery, Replacement of
Mine management
Office management
Operations research
Organization in industry
Public relations
Purchasing
Standardization
Suggestion systems

also subdivision Management under special subjects, e.g.

Automobile factories
Bakers and bakeries
Coal mines and mining
Electric plants (central stations)
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Iron works
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Foundry research
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Glass research
Laboratories
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Malaria
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Viruses
Whooping cough

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Dissociation
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Electrons
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Moving picture industry
Petroleum
Petroleum industry and trade
Petroleum pipe lines
Public health
Roads

IRAQ

See also subdivision Iraq under special subjects, e.g.

Bridges
Irrigation
Petroleum industry and trade
Petroleum pipe lines
Water supply

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Electricity supply
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Water purification—Iron removal

Water supply—Iron content

Wrought iron

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Car lighting
Christmas lighting
Daylight
Electric lamps
Gas lighting
Glare
House lighting
Light projection
Office lighting
Photometry
Sports, Lighting for
Street lighting
Tunnel lighting

also subdivision Lighting under special subjects, e.g.

Airplanes
Airports
Automobile sales buildings

LIGHTING—See also—*Continued*

Bakers and bakeries
Ballrooms
Bank buildings
Barber shops
Baseball fields
Bookstores
Bowling alleys
Bridges
Brokers offices
Chemical laboratories
Chemical plants
Churches
Clubhouses
College buildings
Cotton mills
Department stores
Dining rooms
Drug factories
Electric plants (central stations)
Factories
Forge shops
Garages
Garment factories
Gymnasiums
Hangars
Heliports
Hospitals
Hotels
Kennels
Library buildings
Machine shops
Marinas
Medical laboratories
Moving picture photography
Museums
Night clubs
Photography
Printing offices
Recreation buildings
Repair shops
Restaurants
Roads
Salt Lake City
School buildings
Ships
Shoe stores
Shopping centers
Showrooms
Sidewalks
Skating rinks
Stadiums
Steel works
Store buildings
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LIGHTING engineers

See also

Illuminating engineering society

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Street lighting fixtures

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LIGNIN sulfonates. See Lignosulfonates

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Graphite
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Lubricating greases
Lubricators
Molybdenum sulfides
Oil films
Oil mists
Oil reclamation
Oil seals

also subdivision Lubrication under special subjects, e.g.

Air compressors
Airplane engines
Automobile engines
Automobiles
Bearings
Construction equipment
Conveying machinery
Cranes, derricks, etc.
Derricks, Oil well
Diesel engines
Diesel engines, Marine
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See also

Arbors and mandrels
Assembling methods
Bending
Broaching
Centering (machine work)
Chucks
Dies
Drafting room practice
Drilling and boring (metal working, etc.)
Forging
Foundry practice
Gages
Gear cutting
Grinding
Grinding machines
Grooving
Hard facing
Indexing (machine work)
Inspection
Lathes
Machine tools
Machinery
Mechanical handling
Metal cutting
Milling
Pantograph
Pattern making
Riveting
Sheet metal work
Stamping
Steel works
Thread cutting
Tolerance
Turning
Welding

also subdivision Manufacture under special subjects, e.g.

Automobile engines
Bearings
Bearings, Roller
Carburetors
Crankshafts
Cylinders (engines, etc.)
Gas turbines, Aircraft
Gearing
Guided missiles
Gyroscope
Keys and keyways (machinery)
Machine tools
Motor trucks
Motor trucks, Industrial
Pistons
Rockets
Shafts
Springs (mechanism)
Tanks
Trailers

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Machine tools

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MACHINE tools

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Bending machines
Broaching machines
Chucking machines
Cutting machines
Cutting tools
Drilling and boring machinery
Gear cutting machines
Grinding machines
Honing machines
Lapping machines
Lathes
Machine shop practice
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Milling machines
Planing machines
Pneumatic tools
Polishing machines
Presses
Profiling machines
Punching machinery
Reamers
Saws, Metal working
Screw machines
Shears (machines)
Slotting machines
Tapping machines
Threading machines
Tool engineering
Tool steel
Tools
Tools, Plastic

Bearings

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Grinding machines—Control

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See also

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Jigs

Milling machines—Fixtures

Maintenance and repair

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MACHINE tools—Manufacture—*Continued*

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See also

Automobiles—Manufacture
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Centering (machine work)
Grinding
Holding devices (machine work)
Honing
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Machine shop practice
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Tolerance
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Balancing of machinery
Bearings
Bearings, Ball
Bearings, Roller
Belting
Bending machines

MACHINERY—See also—*Continued*
Bolts and nuts
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Broaching machines
Bushings
Calculating machines
Calenders
Casting machines
Clamps
Cleaning machinery
Clutches
Coal mining machinery
Conveying machinery
Couplings
Cranes, derricks, etc.
Crankcases
Crankshafts
Crushing machinery
Cutting machines
Cutting off machines
Die casting machines
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Dyeing machines
Electric machinery
Electric welding machines
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Filling machines
Fits (machinery)
Food machinery
Forging machinery
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Hoisting machinery
Hydraulic machinery
Hydraulic presses
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Inventions
Jacks
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Keys and keyways (machinery)
Knitting machines
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Machine shop practice
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Mechanical handling
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Milling machines
Mining machinery
Molding machines
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Packing
Paper cutting machines
Paper making machinery
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Paving machines
Pins, Machinery
Planing machines
Plating machinery
Pneumatic hammers
Pneumatic machinery
Polishing machines
Power transmission
Presses
Printing machinery
Printing presses
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Pulleys
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Shafting
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Time study (of machinery)
Tractors
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Valves
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Assembling methods
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Screw machines
Transfer mechanisms
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Fourier series
Functions
Geometry
Graphic methods
Green function
Groups, Theory of
Harmonic analysis
Integrals
Integration
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Logarithms
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Atoms
Compressibility
Dynamics
Glassy state
Hardness
Physics
Solids

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Calipers
Calorimeters and calorimetry
Electric measurements
Frequency measurement
Gages
Gas measurement
Length measurement
Magnetic measurements
Optical measurements
Photometry
Pitot tubes
Pressure measurement
Radio measurements
Standards of length
Stream measurement
Thickness measurement
Time measurement
Transistors—Measurement uses
Vacuum tubes—Measurement uses
Volume
Weighing
Wood measurement
X rays—Measurement uses

also subdivision Measurement under special subjects, e.g.

Beta rays
Distances
Gamma rays
Gearing
Neutrons
Petroleum
Porosity
Radiation
Radioactivity
Screw threads
Wool

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International mineral processing congress
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Ore treatment
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Bronze
Cadmium
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Chromium
Cobalt
Copper
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Electrodeposition of metals
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Electrons—Emission from metals
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Films, Metallic
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Iron
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Lithium
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Mines and mineral resources
Molybdenum
Nickel
Palladium
Passivity
Pickling (metals)
Plastics—Joining to metal
Platinum
Precious metals
Printing on metals
Rare earth metals
Rhodium
Rubber, Artificial—Joining to metal
Ruthenium
Sheet metal
Silver
Soap, Metallic
Sodium
Solder and soldering
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Water districts
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Detroit
Miami, Florida
Nashville, Tennessee
New York (city)
St Louis
Seattle
Washington, D.C.

MEVALONIC acid. See Dihydroxymethyl valeric acid

MEXICO

See also subdivision Mexico under special subjects, e.g.
Architecture
Cement industry and trade
Chemical industries
Drug trade
Electric industries
Electric utilities
Gas, Natural
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Atomic power plants

Bridges

Copper mines and mining

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Geology

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Atoms
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NATIONAL association of hosiery manufacturers

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NATIONAL bituminous concrete association

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Conference, 15th, Chicago. Product Eng 30: 33-5 N 16 '59

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Conference, 2d, Washington; abstracts of papers. Rubber Age 86:680 Ja '60

NATIONAL crushed stone association
- Annual meeting, Chicago, Feb. 22-24; list of exhibitors. Rock Prod 63:114-16+ Ja '60
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- Annual meeting, 43d, Chicago, Feb. 22-24. Rock Prod 63:97-8+ Ap '60
- Annual meeting, 43d, Chicago, Feb. 22-24; with abstracts of papers. Pit & Quarry 52:100-13 Ap '60
- Board of directors annual midyear meeting, White Sulphur Springs, July 21-22. Pit & Quarry 53:91-3+ O '60
- Directors' meeting, Hot Springs, Va. July 22-24. Pit & Quarry 52:113-14+ S '59; Rock Prod 62:137-8+ O '59
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- District one annual meeting, 14th, Montauk, L.I., June 5-8. Elec Constr & Maint 59:218-19 Jl '60

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- Annual meeting, Atlantic City, Nov. 11. Elec Manuf 64:131+ D '59
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- Conference, Chicago; abstracts of papers. Electronics 33:38-9 O 14 '60
- Conference, 15th, Chicago, Oct. 12-14; program, list of exhibitors and floor plan. Electronic Ind 18:100-2, 196-8+ O '59

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- Annual meeting, 64th, Montreal. Safety Maint 119:39 My '60

NATIONAL fluid power association
- Fall meeting, Detroit. Ap Hydraulics & Pneumatics 12:28+ D '59

NATIONAL foundry association
- Annual meeting, 61st, New York, Nov. 5-6; with abstracts of papers. Foundry 87:146+ D '59
- Annual meeting, 62d, Chicago, Sept. 22-23; with abstracts of papers. Foundry 88:190+ N '60

NATIONAL industrial service association
- Annual meeting, 27th, Miami Beach, May 8-11; with camera visit to motor shops. Elec Constr & Maint 59:82-7 Ap; 216+ Je '60
- Southeastern chapter annual meeting, 21st, Raleigh, N.C. Oct. 29-31. Elec Constr & Maint 58:166-7 D '59

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- Research and development work; open days. Engineer 209:868 My 20 '60

NATIONAL institute of ceramic engineers
- Membership roster. Am Cer Soc Bul 39:657-8 O 15 '60

NATIONAL lime association
- Annual meeting, 58th, Sea Island, May 23-25. Rock Prod 63:110+ Jl '60
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- Operating division meeting, Philadelphia, Oct. 1-3; with abstracts of papers. Pit & Quarry 52:102-7+ D '59; Rock Prod 62:106+ D '59
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- Annual meeting, 15th, Washington, Jan. 19-21. Rock Prod 63:104+ Mr '60
- Annual meeting, 15th, Washington; with abstracts of papers. Pit & Quarry 52:92-9 Mr '60
- Divisional boards joint midyear session, Chicago, June 13-14. Pit & Quarry 53:95+ Ag '60

NATIONAL machine tool builders association
- Annual meeting, 58th, White Sulphur Springs, Nov. 19-21. Automotive Ind 121:59-60+ D 15 '59; Mach 66:131-2 Ja '60
- Spring meeting, New York, May 5-6. Am Mach/Metalworking Manuf 104:99 Mr 16 '60; Automotive Ind 122:58 Je 1 '60; Mach 66:189 Je '60

NATIONAL metal congress
- Congress and exposition, 41st, Chicago, Oct. 31-Nov. 5th; program. Steel 145:185-6+ O 26 '59
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- National metal exposition, 42d, Philadelphia, Oct. 17-21; with list of exhibitors. il Iron Age 186:185-7+, 235-6+ O 6; 62-3 O 27 '60
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- 1959 metal show in print; list of exhibitors and floor plans. Am Mach 103:145-50 O 19 '59
- Ten countries compete for US dollar at metal show. il Am Mach 103:126-7 N 16 '59

NATIONAL paint, varnish and lacquer association
- Annual meeting, 72d, Atlantic City, Oct. 18-21; pictures. Paint Oil & Chem R 122:6-16 O 29 '59
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- Rocky Mountain national park

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- Conference, Philadelphia. Elec World 154:52-4+ O 17 '60

NATIONAL ready mixed concrete association
- Annual meeting, Chicago, Feb. 15-19; program, list of exhibitors and floor plan. Pit & Quarry 52:152-9 Ja '60
- Annual meeting, 30th, Chicago, Feb. 15-19; with abstracts of papers. Concrete 68:15-17+ Ap '60; Roads & Sts 103:84-5+ Ap '60
- Annual meeting, 30th, Chicago, Feb. 15-19; program. Rock Prod 63:160-2 F '60
- Convention, Chicago; report on equipment. Eng N 164:28 F 25 '60

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NATIONAL sand and gravel association

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National science foundation institutes. E. L. Haenisch. Am J Phys 28:284-6 Mr '60

National science foundation's continuing program aids science. Anal Chem 32:sup33A F '60

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New exchange stresses science. L. H. Taylor. Electronics 33:38-9 S 16 '60

NATIONAL warm air heating and air conditioning association

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NATURAL gas. See Gas, Natural

NATURAL gasoline. See Gasoline, Natural

NATURAL resources

See also

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Coal
Conservation of resources
Fuel
Gas, Natural
Peat
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Water supply

NATURAL selection

Present evolution of man. T. Dobzhansky. il Sci Am 203:206-8+ S '60

NATURAL steam. See Steam, Natural

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Arithmetic of sailing. H. M. Barkla. diag Research 13:82-6 Mr '60

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Freight ships
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Motor ships
Shipbuilding
Tank ships

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Water quiets shrieking rails. il Noise Control 5:46 N '59

See also

Ear—Protection
Radio communication—Interference
Radio communication—Interference elimination
Soundproofing

also subdivision Noise under special subjects, e.g.

Air conditioning equipment
Airplane engines
Airplanes
Airplanes, Jet propelled
Amplifiers
Amplifiers, Transistor
Amplifiers, Vacuum tube
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Shipment of goods
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Car painting and finishing
Paint, Protective
Paint removers
Paint shops
Paint spraying
Stains and staining (wood)

also subdivision Painting and Painting and finishing under special subjects, e.g.

Airplanes
Airplanes, Military
Automobiles
Containers, Steel
Domestic appliances
Electric conduits
Factories
Helicopters
Kitchen cabinets
Motor buses
Motor trucks
Pumps
Television cabinets
Textile mills
Vending machines
Water heaters

PAKISTAN

See also subdivision Pakistan under special subjects, e.g.

Bridges
Gas, Natural
Geology
Mines and mineral resources
Paper and pulp mills
Petroleum
Petroleum industry and trade
Scientific education
Soils
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Marine fauna, Fossil
Primates, Fossil

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Molding
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Chemical research
Concrete construction
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Electronics industry
Engineering education
Engineering research
Foundry practice
Gas, Natural
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Sewage irrigation

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Settling tanks

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Sewers, Concrete

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Pipe laying
Sanitary districts
Sewage disposal
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Sewer design
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Water pollution
also subdivision Sewerage under names of places, e.g.
Asbury Park, New Jersey
Barberton, Ohio
Berkeley Heights, New Jersey
Boston
Burbank, California
Camden, New Jersey
Chicago
Cincinnati
Cleveland
Concord, North Carolina
Dallas
Dearborn, Michigan
Denver
Desert Lake Village, California
East Ridge, Tennessee
Fort Belvoir, Virginia
Fredericksburg, Virginia
Grand Rapids, Michigan
Hartford, Connecticut
Long Beach, New Jersey
Los Angeles
Morganton, North Carolina
New Hope, Minnesota
New York (city)
Ottawa
Philadelphia
Pittsburgh
Port Washington, New York
Red Wing, Minnesota
Reidsville, North Carolina
Richmond, Ind.
Ruidoso, New Mexico
San Francisco
San Jose, California
Seattle
South Charleston, West Virginia
Stockholm
Suffern, New York
Superior, Wisconsin
Toledo, Ohio
Troy, Pennsylvania
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Lead silicates
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Mica
Mullite
Pectolite
Pegmatites
Peridotite
Potassium silicates
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Electric standards

Fits (machinery)

Standards, Engineering

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British standards institution

Electric standards

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Production standards
Products, Certification of
Quality of products
Radio standards
Safety standards
Semiconductors
Standards engineers society
Television standards
Textile standards
Time standards
also subdivision Standards under special subjects, e.g.
Automobiles
Bearings, Ball
Bearings, Roller
Boilers
Cableways
Colorimeters and colorimetry
Concrete construction
Control equipment
Cranes, derricks, etc.
Drafting room practice
Electric apparatus and appliances
Electric batteries
Electric circuits
Electric distribution
Electric motors
Electric substations
Electric transformers
Electrohydraulic control
Electronic apparatus and instruments
Engineering drawings
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Gas appliances
Gearing
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Information storage and retrieval systems
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Lighting
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Machine tools
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Building—Standards
Electric standards
Fits (machinery)
Standardization

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Factories—Yards
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Racks
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Warehousing
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Chemicals
Food
Food, Frozen
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Jelly, jam, etc.
Liquefied petroleum gas
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Paint
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Potatoes
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Beams and girders
Bending
Bending moment
Bridges—Load
Columns
Concrete construction—Design
Corrosion and anti-corrosives—Stress corrosion
Creep of materials
Creep of metals
Creep of plastics
Deformation (mechanics)
Elasticity
Fatigue in metals
Friction, Internal
Glass—Strains and stresses
Hysteresis (mechanics)
Load (mechanics)
Mohr circle diagram
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Traffic regulations
Traffic signals

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Sidewalks
Snow removal
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Chicago
Detroit
Los Angeles
Meridian, Mississippi
Minneapolis
New York (city)
Newark, New Jersey
Oakland, California
Philadelphia
Portland, Oregon
San Francisco
Washington, D.C.

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See also
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Elasticity
Factor of safety
Fatigue in metals
Hardness
Impact
Metals—Failure
Stiffness
Strains and stresses
Tensile strength
Torsion
also subdivision Strength under special subjects, e.g.
Cast iron
Concrete
Glass
Paper
Plastics
Steel
Titanium

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Copper sulfides
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Galena
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Control

See Temperature—Regulation

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American society for testing materials

Electric testing

Impact

Laboratories

Magnetic testing

Sampling

Testing machines

Textile testing

also subdivision Testing under special subjects, e.g.

Aeronautic instruments

Air filters

Airplane engines

Airplanes, Military

Aluminum

Automobile parts

Beams and girders

Boilers

Brazing

Busbars

Cast iron

Castings

Ceramic materials

Chromium plating

Concrete

Concrete blocks

Corrosion and anti-corrosives

Cotton fibers

Cutting tools

Diesel engines

Diesel engines, Marine

Electric cables

Electric equipment

Electric lamps, Incandescent

Electric lines

Electric transformers

Electric welding

Enamel and enameling

Finishing materials

Frits

Gages

Gas engines

Gas turbines, Aircraft

Gas turbines, Marine

Gasoline

Glass

Guided missiles

Hardness

Internal combustion engines

Joints

Jute

Lenses

Linemens equipment

Lubricating greases

Magnetic materials

Metal powders

Metals

Milk

Mortar

Motor boats

Nickel plating

Nuclear reactors

Paint

Paper

Pipes, Steel

Plastics

Polyethylene

Polymers

Pumps

Refractory materials

Refrigeration and refrigerating machinery

Rubber

Rubber, Artificial

Ship plates

Springs (mechanism)

Steam turbines

Steel, Stainless

Television relay systems

Thread

Titanium

Titanium alloys

Trade waste

Transistors

Tubes

Tubes, Steel

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Engineering laboratories
Sound laboratories

Equipment

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Architecture, Domestic
Electronics industry
Gas, Natural
Geology
Petroleum
Petroleum industry and trade
Petroleum laws and regulations
Roads
Water supply

TEXAS company

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Cotton—Chemistry
Cotton finishing
Dyes and dyeing—Chemistry
Fireproofing of textiles
Rayon finishing
Resinous products—Textile uses
Sizing (textiles)
Textile analysis
Textile fibers, Synthetic
Wool—Chemistry

TEXTILE chemists and colorists, American association of. See American association of textile chemists and colorists

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Chemical plants
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Electroplating
Food factories
Metal working plants
Metallurgical plants
Packing houses
Paper and pulp mills
Petroleum refineries
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Packing for shipment
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Ports
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also subdivision Transportation under special subjects, e.g.

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Cement
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Geology
Iron mines and mining
Petroleum
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Petroleum pipe lines
Standards

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Air filters
Air pollution
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Cooling
Dust removal
Electric fans, Ventilating
Exhaust systems
Fans, Mechanical
Gas appliances—Ventilation
Mine ventilation
Tunnel ventilation
also subdivision Heating and ventilation under special subjects, e.g.
Airplane factories
Apartment houses
Automobile factories
Automobiles
Bank buildings
Barns and stables
Chemical laboratories
Chemical plants
Churches
College buildings
Electric plants (central stations)
Factories
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Bridges

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Buildings
Compressors
Electric lines
Electronic apparatus and instruments
Gas turbines, Aircraft
Machinery
Motor vehicles
Piping
Rotors (electric machinery)

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Scrap metal
Trade waste
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Fire service (water supply)
Hot water supply
Pumping stations
Reservoirs
Water, Underground
Water collectors
Water conservation
Water consumption
Water distribution
Water districts
Water purification
Water storage
Water supply engineering
Water tanks
Watersheds
Waterworks
Wells

also subdivision Water supply under names of places, e.g.

Aberdeen, South Dakota
Albuquerque, New Mexico
Alliance, Ohio
Asuncion, Paraguay
Baltimore
Belleville, Ontario
Binghamton, New York
Bloomington, Minnesota
Brighton, Colorado
Cedar Rapids, Iowa
Charlottesville, Virginia
Chicago
Cleveland
Clinton, South Carolina
Coalinga, California
Corpus Christi, Texas
Council Bluffs, Iowa
Dallas
Decatur, Alabama
Denver
Detroit
Fort Lauderdale, Florida
Hammond, Illinois
Hammond, Indiana
Hanford, Washington
Hong Kong
Honolulu
Hudson, New York
Idaho Falls, Idaho
Indianapolis
Inman, South Carolina
Johnstown, Pennsylvania
Kingston, New York
London
Lorain, Ohio
Los Angeles
Lyons, Colorado
Manchester, New Hampshire
Miami, Florida
Midland, Michigan
Milwaukee
Murphysboro, Illinois
Nashville, Tennessee
New Haven, Connecticut
New London, Connecticut
New York (city)
Newark, Delaware
Oakland, California
Omaha, Nebraska
Orlando, Florida
Palmyra, New York
Pasco, Washington
Philadelphia
Portland, Oregon
Portsmouth, Virginia
Providence, Rhode Island
Racine, Wisconsin
Saigon, Vietnam
St Paul, Minnesota
Salida, Colorado
San Angelo, Texas
San Antonio, Texas
San Jose, California
Schenectady, New York
Seattle
Sydney, Australia
Tampa, Florida
Toledo, Ohio
Washington, D.C.
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